

Project Title	Funding	Strategic Plan Objective	Institution
ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis	\$2,649,781	Q1.L.A	Boston Children's Hospital
Physical and clinical infrastructure for research on infants at risk for autism	\$1,549,665	Q1.L.A	Emory University
Neurobehavioral research on infants at risk for SLI and autism	\$944,962	Q1.L.A	Boston University
Autism: Social and communication predictors in siblings	\$805,136	Q1.L.A	Kennedy Krieger Institute
Social-emotional development of infants at risk for autism spectrum disorders	\$662,677	Q1.L.B	University of Washington
Infants at risk of autism: A longitudinal study	\$587,150	Q1.L.A	University of California, Davis
fcMRI in infants at high risk for autism	\$584,566	Q1.L.A	Washington University in St. Louis
RNA expression studies in autism spectrum disorders	\$500,000	Q1.L.A	Boston Children's Hospital
The ontogeny of social visual engagement in infants at risk for autism	\$473,149	Q1.L.A	Emory University
Brain-behavior growth charts of altered social engagement in ASD infants	\$431,189	Q1.L.A	Yale University
Development of face processing in infants with autism spectrum disorders	\$409,613	Q1.L.B	Yale University
Early social and emotional development in toddlers at genetic risk for autism	\$369,179	Q1.L.A	University of Pittsburgh
Extraction of functional subnetworks in autism using multimodal MRI	\$360,294	Q1.L.B	Yale University
Perception of social and physical contingencies in infants with ASD	\$312,944	Q1.L.B	Emory University
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$302,820	Q1.L.A	University of California, San Diego
The development of joint attention after infancy	\$291,832	Q1.L.C	Georgia State University
ACE Center: Eye-tracking studies of social engagement	\$287,074	Q1.L.B	Yale University
ACE Center: Gaze perception abnormalities in infants with ASD	\$286,420	Q1.L.A	Yale University
Growth charts of altered social engagement in infants with autism	\$273,481	Q1.L.A	Emory University
Electrophysiological, metabolic and behavioral markers of infants at risk	\$273,152	Q1.L.A	Boston Children's Hospital
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	\$272,164	Q1.L.A	University of California, San Diego
Divergent biases for conspecifics as early markers for autism spectrum disorders	\$269,604	Q1.L.A	New York University
EEG complexity trajectory as an early biomarker for autism	\$261,000	Q1.L.A	Boston Children's Hospital
ACE Center: Auditory mechanisms of social engagement	\$257,504	Q1.Other	Yale University

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Analyses of brain structure and connectivity in young children with autism	\$238,042	Q1.L.B	University of California, Davis
A network approach to the prediction of autism spectrum disorders	\$223,949	Q1.L.A	Indiana University
Developing fNIRS as a brain function indicator in at-risk infants	\$205,199	Q1.L.A	Birkbeck College
Sensor-based technology in the study of motor skills in infants at risk for ASD	\$191,070	Q1.L.A	University of Pittsburgh
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	\$186,019	Q1.L.A	University of California, Los Angeles
Developmental social neuroscience in infants at-risk for autism	\$181,367	Q1.L.C	Yale University
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Translational developmental neuroscience of autism	\$168,116	Q1.L.B	New York University School of Medicine
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	\$154,617	Q1.L.A	University of Colorado Denver
Biomarkers and diagnostics for ASD	\$149,600	Q1.S.A	Institute of Biotechnology
Intersensory perception of social events: Typical and atypical development	\$134,355	Q1.L.C	Florida International University
Identification of candidate serum antibody biomarkers for ASD	\$118,338	Q1.L.B	University of Texas Southwestern Medical Center
Visual attention and fine motor coordination in infants at risk for autism	\$73,123	Q1.L.A	University of Connecticut
ERK signaling and autism: Biomarker development	\$60,000	Q1.L.B	University of California, San Francisco
Baby Siblings Research Consortium	\$50,000	Q1.S.B	Autism Speaks (AS)
Improved early detection of autism using novel statistical methodology	\$49,880	Q1.L.B	Yale University
Identifying early biomarkers for autism using EEG connectivity	\$40,000	Q1.L.A	Boston Children's Hospital
Social-emotional development of infants at risk for autism spectrum disorders (supplement)	\$39,002	Q1.L.B	University of Washington
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	\$30,000	Q1.L.A	University of Pittsburgh
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$15,000	Q1.L.A	Harvard University
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital

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INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Neurophysiological investigation of language acquisition in infants at risk for ASD	\$0	Q1.L.A	Boston University
Placental vascular tree as biomarker of autism/ASD risk	\$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Prosodic and pragmatic processes in highly verbal children with autism	\$0	Q1.L.C	President & Fellows of Harvard College
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	\$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Atypical pupillary light reflex in individuals with autism	\$0	Q1.Other	University of Missouri
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
Dynamics of cortical interactions in autism spectrum disorders	\$0	Q1.L.A	Cornell University
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
Identification of lipid biomarkers for autism	\$0	Q1.L.A	Massachusetts General Hospital
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of Miami
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$0	Q1.L.A	Yale University
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center

